From: Robert.Neely

Burt Shephard/R10/USEPA/US@EPA To:

Chip Humphrey/R10/USEPA/US@EPA; Chris Thompson; Joe Goulet/R10/USEPA/US@EPA; Eric Cc:

Blischke/R10/USEPA/US@EPA; Patti Howard; Jeremy Buck; Jennifer Peterson; Ron Gouguet; Rose Longoria

Re: sturgeon field work coordination/draft call for schedules Subject:

02/09/2007 06:37 PM Date:

Burt.

We're on the same page regarding liver tissue (not whole liver) for analysis. My message should have read 'removal of a portion of liver

On the second issue, the proposal to use Axys sounds fine to me, though I have no experience with them so I can't offer any testimonials.

Shephard.Burt@epamail.epa.gov wrote:

> A point of clarification on your message. EPA as of this date is > currently in agreement with an effort by natural resource trustees to > remove a portion of the liver of individual sturgeon collected by the > LWG for Portland Harbor RI/FS purposes. EPA has not and does not agree > to removal of the entire liver by the Trustees from any of the sturgeon > collected for RI/FS purposes. Removal of the entire liver may not be > the intent of the Trustees, but it is the way your e-mail reads.

Another issue for discussion by the group. One of our fisheries biologists has recommended that Axys perform the fish grinding and homogenization, as they apparently have a stainless steel lined room with a large grinder that can handle large animals. I don't know the grinding capability of Columbia Analytical, who is proposed to perform the grinding by LWG in the FSP. Both Axys and Columbia will be performing portions of the analytical chemistry work on the sturgeon, so both labs will be receiving a portion of the "fish soup" for chemical analysis anyway. Does anyone have any experience or knowledge of the ability of Columbia to successfully grind and homogenize large animals such as sturgeon? A minor point we'll tell LWG to fix in the FSP is a recommendation to run each individual fish through the grinder three times, not just once. That way our "fish soup" becomes the more homogenized, and thus more desirable for our purposes "creamy style" instead of the less desirable "chunky style" homogenate.

Best regards,

Burt Shephard Risk Evaluation Unit

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02/01/2007 05:46

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Portland Harbor Government Team -- As most of you know, LWG is set to begin sturgeon catch efforts in the ISA very soon. At present, all indications are that field work will begin the week of February 19. Recognizing that this effort entails significant integration of RI/FS and NRDA needs. I have offered to help Joe and Burt with the coordination of our field activities, including lab and field oversight/observation, as well as lab work. Though details are still being worked out, the current "vision" is that field crews will hand-off legal size captured fish as they come off the set lines to a second boat that will then run the specimen(s) to shore so that the analysis process (blood samples) can begin promptly with live fish back in the lab. Tasks to be conducted in the lab include the drawing of blood plasma samples, removal of livers and stomach contents, preparation of the fish for whole-body analysis, and possibly other tasks. Government team members are being called upon to lend a hand with field and lab work. We especially need experienced folks to pitch in for this effort, keeping in mind that we anticipate training will be provided at the outset of lab work so we have a broader pool of resources to draw upon as we work through this process. Our goal should be to have government team personnel available and in the field/lab at all times, and no later than 02/08/07 with your dates of availability.* Note that it may be necessary to conduct some lab work on Saturday, February 24. Please use the attached spreadsheet. It's been set up so that you can also provide some indication of whether or not you are willing/able to perform lab work, field oversight, observation, etc. Also note that your name may not be one of those listed in the table. If that's the case but you want to participate, no problem. Just let me and Joe know.

Finally, Joe is working to secure an EPA boat for this effort and Jeremy has access to a FWS boat, but the details of boat logistics have yet to be worked out. Please stay tuned.

Thank